

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims with a status identifier in parentheses. The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Original) A method for regulating the power output of a combined-cycle power station, comprising:

    determining at least one desired power output value, by which at least one regulating device of an energy generator of the combined-cycle power station is acted upon, from at least one first desired value including an electrical power output of the power station and from a second desired value including a distance heat power output of the power station, the power station including at least one heating condenser for the generation of distance heat, through which a medium to be heated flows from the secondary side; and

    determining a second desired power output value by adopting a mass flow and a forward-flow temperature and return-flow temperature of the medium to be heated, with respect to the heating condenser.

2. (Currently Amended) The method as claimed in claim 1, wherein the at least one heating condenser is heated on the primary side by heating steam, extracted from a steam turbine of the power station, and wherein the power station includes at least one other condenser, into which expanded steam leaving the steam turbine is fed.

3. (Original) The method as claimed in claim 2, wherein at least one of a heating steam enthalpy, a specific heat capacity of the medium to be heated, a condensate enthalpy and a turbine efficiency are adopted in order to determine the second desired value.

4. (Original) A device for regulating the power output of a combined-cycle power station, wherein at least one desired power output value, by which at least one regulating device of an of the combined-cycle power station is acted upon, is determinable from at least one first desired value including an electrical power output of the power station, and from a second desired value including a distance heat power output of the power station, and wherein the power station includes at least one heating condenser for the generation of distance heat, through

which a medium to be heated is capable of flowing on the secondary side, comprising:

a computing unit, adapted to determine the second desired value upon being supplied with at least the following quantities of the medium to be heated, with respect to the heating condenser,

a mass flow,

a forward-flow temperature, and

a return-flow temperature.

5. (Currently Amended) The device as claimed in claim 4, wherein the power station includes at least one steam turbine and other one condenser connected to the steam turbine, and wherein the at least one heating condenser is steam-heatable and is connected to the steam turbine on the primary side.

6. (Original) The device as claimed in claim 5, wherein the computing unit is adapted to determine the second desired value upon being supplied with at least one of the following quantities:

a heating steam enthalpy,

a specific heat capacity of the medium to be heated,

a condensate enthalpy and

a turbine utilization degree.

7. (Original) The method as claimed in claim 1, wherein the energy generator is a steam generator.

8. (Original) The device as claimed in claim 4, wherein the energy generator is a steam generator.

9. (New) The method of claim 1, further comprising:

regulating the power output of a combined-cycle power station based upon the determined desired power output values.

10. (New) A method concerning regulation of power output of a combined-cycle power station, comprising:

determining at least one desired power output value, by which at least one device of the combined-cycle power station is acted upon, from at least one of an electrical and a distance heat power output of the power station; and

determining a second desired power output value from a mass flow, a forward-flow temperature and return-flow temperature of a medium to be heated flowing through at least one heating condenser for the generation of distance heat.

11. (New) The method of claim 10, further comprising:

regulating the power output of a combined-cycle power station based upon the determined desired power output values.

12. (New) The method as claimed in claim 10, wherein the at least one heating condenser is heated on a primary side by heating steam, extracted from a steam turbine of the power station, and wherein the power station includes at least one other condenser, into which expanded steam leaving the steam turbine is fed.

13. (New) The method as claimed in claim 12, wherein at least one of a heating steam enthalpy, a specific heat capacity of the medium to be heated, a condensate enthalpy and a turbine efficiency are adopted in order to determine the second desired value.

14. (New) A device regarding regulation of power output of a combined-cycle power station, comprising:

means for determining at least one desired power output value, by which at least one device of the combined-cycle power station is acted upon, from at least one of an electrical and a distance heat power output of the power station; and

means for determining a second desired power output value from a mass flow, a forward-flow temperature and return-flow

temperature of a medium to be heated flowing through at least one heating condenser for the generation of distance heat.

15. (New) The device of claim 14, further comprising:

means for regulating the power output of a combined-cycle power station based upon the determined desired power output values.

16. (New) The device as claimed in claim 14, wherein the power station includes at least one steam turbine and one other condenser connected to the steam turbine, and wherein the at least one heating condenser is steam-heatable and is connected to the steam turbine on the primary side.

17. (New) The device as claimed in claim 16, wherein the means for determining a second desired power output value is for determining the second desired value upon being supplied with at least one of the following quantities:

a heating steam enthalpy,

a specific heat capacity of the medium to be heated,

a condensate enthalpy and

a turbine utilization degree.